

Amendments to the Specification:

Please replace paragraphs [01] with the following amended paragraph:

[01] This application is related to United States Patent Application No. 10/081,876 [[]], entitled: “Power Management for Wireless Peripheral Device with Force Feedback,” ~~attorney docket 9623E-035100~~, filed on the same day as the current application, which is herein incorporated by reference.

Please replace paragraph [12] with the following amended paragraph:

[12] Fig. 3 is a state diagram for the slave device (HID) showing the communications states within which the ~~master~~ slave device operates.

Please replace paragraph [16] with the following amended paragraph:

[16] Data being sent or received by transceiver antenna 114 is received or sent by the HID antenna 116 on the HID module 106. In the description that follows the HID module includes a gamepad enabled to play back force-feedback effects issued from an application program being executed by the host. This gamepad embodiment is used for the description herein, since it includes input buttons 124, a mini joy stick 122, as well as motors 130 and associated linkages (not shown) and thus allows for a more comprehensive description of the functionality of a wireless HID in accordance with the embodiments of the present invention. This is for exemplary purposes only and is not meant to limit the scope of the claimed invention to only such an HID as other HIDs are within the scope of the present claimed invention. The HID antenna 116 is in turn coupled with the HID transceiver 118. HID transceiver 118 prepares data for transmission from the HID 106, and also prepares data received from the host transceiver unit 104 for further processing by the HID microcontroller 120. Alternately, an HID microprocessor 120 may be used in place of the HID microcontroller 120. HID microcontroller 120 is enabled to receive various inputs. HID microcontroller 120 receives input from an operator manipulating a mini joy stick. An operator’s input using the mini joy stick is provided to the HID microcontroller 120 via the gamepad analog axis matrix 122. The analog signal provided by the gamepad analog axis matrix is converted to digital by the analog to digital converter 123. The HID microcontroller 120 also received operator input from various push

button operations. The push button input data is provided to the HID microcontroller 120 via the gamepad button/switch matrix 124. Data is read in from the gamepad button switch matrix via the general purpose input output (GPIO) interface 125 of the HID microcontroller 120.

Optionally, an appropriate analog to digital ~~converters~~ converter is used to convert analog push button inputs to digital signals. HID microcontroller 120 also sends drive commands to motors 130 via the same GPIO interface 125 for the playback of force-feedback effects. Battery module 128 is coupled with the power management circuit 126 which is configured to provide regulated power for the operation of the HID 106. The power management aspects of the HID are described in further detail below. A memory device (not shown) is provided to enable the storage of information for use in conjunction with the microcontroller 120 and transceiver module 118. One embodiment of the memory device includes read and write memory (e.g., RAM). This memory stores data and program instructions for execution by the processor 120, and stores temporary or other intermediate information during the operation of the processor. An embodiment of the memory also includes a read only memory (ROM) for storing information and instructions for the processor 120. ROM memory also stores the firmware instructions necessary for the operation of the HID 106. In addition to the RAM and the ROM memory devices, FLASH, EEPROM and other memory arrays as deemed suitable may also be used..